



Torticollis

by Arya Akhavan (October 2012)

Angles for R.I. = 1.660

52 + 12 girdles = 64 facets

3-fold radial symmetry

96 index

L/W = 1.009 T/W = 0.139 U/W = 0.135

P/W = 0.411 C/W = 0.146

Vol./W³ = 0.162

PAVILION

P1	46.89°	02-30-34-62-66-94	Cut to centerpoint.
P2	43.71°	06-26-38-58-70-90	Meet at culet.
G1	90.00°	02-30-34-62-66-94	Set stone size.
G2	90.00°	06-26-38-58-70-90	Level girdle.
P3	42.20°	27-59-91	Meet P1, P2, G1, G2
P4	42.92°	28-60-92	Meet P1, P2, G1, G2, P3; culet

CROWN

C1	22.00°	26-58-90	Set girdle width.
C2	25.71°	30-62-94	Level girdle.
C3	27.31°	02-34-66	Level girdle.
C4	25.71°	06-38-70	Level girdle.
C5	22.00°	29-61-93	Meet G1, G2, C1, C2
C6	22.71°	96-32-64	Meet C2, C3, C5
C7	17.35°	16-48-80	Meet G2, C1, C4
C8	21.72°	27-59-91	Meet G1, G2, C1, C2
C9	15.38°	15-47-79	Meet C3, C4, C6, C7; C5, C7, C8
C10	14.62°	27-59-91	Meet C5, C6, C9; C5, C7, C8, C9
C11	13.03°	22-54-86	Meet C5, C6, C9, C10; C5, C7, C8, C9, C10
T	0.00°	Table	Meet C10, C11

Originally, I was trying to figure out how to get a trillion with a circular table, that looked like a vortex from the top. But, since I don't usually do radial symmetry, and I'm too lazy to use the "rotate" feature, I kept having to turn my head. Hence, the name. Works in materials from feldspar to rutile (RI = 1.52 - 2.62) with no changes.

Suggested size = 6-10 mm

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